a display screen on the first section **110**, and an image **506** shows a touch keyboard on the second section **112**.

FIG. **5**B is a block diagram illustrating one embodiment of a configuration **508** of the display device **108**. FIG. **5**B shows the components **502** and the display device **108** containing the first section **110** and the second section **112**. A user may adjust the display device **108** from the configuration **500** in FIG. **5**A to the configuration **508** where the display device **108** has a smaller display area. The display device **108** may be wrapped around the components **502**, such as scrolled around them as shown in the configuration **508**. The configuration **508** shows the first section **110** in a more flexible position such that it may be wrapped around the components **502**. The configuration **508** shows the second section **112** in a more rigid position. For example, the circuit may alter the temperature of the first section **110** and the second section **112** such that they have different levels of flexibility. The second section **112** may serve as a smaller display screen. For example, the second section **112** displays the image **504** of a display screen and the image **506** of a touch keyboard. The configuration **508** may allow a user to hold the display device **108** by holding the scrolled section of the display device **108** and use the section of the display device **108** that is not scrolled. In some cases, a similar configuration with a smaller display screen may be created without the components **502** being in a separate compartment. For example, the components could be part of the flexible display device **108**.

FIG. **5**C is a block diagram illustrating one embodiment of a configuration **510** of the display device **108**. A user may adjust the display device **108** from the configuration **500** of FIG. **5**A or the configuration **508** from FIG. **5**B to the configuration **506**. A user may alter the display device **108** from the configuration **510** back to the configuration **508** or **500**. The configuration **510** shows the first section **110** and the second section **112** in a more flexible state such that they may wrap around the electrical components **502**, for example, to allow the display device **108** to be transported or stowed away.

The display device **108** may be placed in any suitable configuration. FIGS. **3**A, **3**B, **4**A, **4**B, **5**A, **5**B, and **5**C serve as examples. Other configurations of the computing system **100** and the display device **108** are also contemplated.

Embodiments disclosed herein provide advantages. For example, a display device that may have sections of varying levels of flexibility allows the display device to have multiple adjustable positions. A user may be able to tailor the configuration of a display device based on the intended use of the display device.

The invention claimed is:

1. A computing system, comprising:

a display device comprising a first section and a second section;

a processor to display image data on the display device; and

a circuit to:

alter the temperature of the first section of the display device, wherein the flexibility of the first section is changed in response to the temperature alteration of the first section; and

alter the temperature of the second section of the display device, wherein the flexibility of the second section is changed in response to the temperature alteration of the second section.

2. The computing system of claim **1**, wherein the display device is configured to fold around the processor.

3. The computing system of claim **1**, wherein the display device comprises memory metal.

4. The computing system of claim **1**, wherein the first section and the second section have different levels of flexibility.

5. The computing device of claim **1**, further comprising a power source, wherein the display device is configured to wrap around the power source.

6. A method for altering the flexibility of a display device, comprising:

sending a signal, by a circuit, to alter the temperature of a first section of a display device comprising the first section and a second section,

wherein the flexibility of the first section is changed in response to the temperature alteration of the first section; and

sending a signal, by the circuit, to alter the temperature of the second section of the display device,

wherein the flexibility of the second section is changed in response to the temperature alteration of the second section.

7. The method of claim **6**, wherein the display device comprises a memory alloy.

8. The method of claim **6**, wherein the first section and the second section have different levels of flexibility.

9. The method of claim **6**, wherein the first section of the display device stiffens in response to the temperature alteration.

10. The method of claim **9**, wherein stiffening in response to the temperature alteration comprises stiffening in a bent position.

11. The method of claim **6**, wherein the display device folds around electrical components.

12. A machine-readable storage medium encoded with instructions executable by a processor for altering the flexibility of a display device, comprising instructions to:

adjust the temperature of a first section of a display device; and

adjust the temperature of a second section of the display device,

wherein the flexibility of the first section of the display device is altered based on the temperature of the first section of the display device and

wherein the flexibility of the second section of the display device is altered based on the temperature of the second section of the display device.

13. The machine-readable storage medium of claim **12**, wherein the first section of the display device becomes more rigid when its temperature increases.

14. The machine-readable storage medium of claim **12**, wherein the second section of the display device becomes more rigid when its temperature increases.

15. The machine-readable storage medium of claim **12**, wherein the flexible display device comprises memory metal.

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